

S E C R E T

OSA-2456-71

30 November 1971

MEMORANDUM FOR THE RECORD

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SUBJECT: [REDACTED] Trip Report to
Kansas City, Kansas, 16-17 November 1971

1. The purpose of this trip was to discuss with Bonzer, Inc., at Overland Park, Kansas City, Kansas, the possibilities of modifying the present U-2R survival kit for an automatically deployed system.

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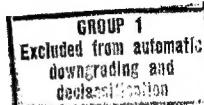
2. Personnel contacted at Bonzer, Inc., were:

[REDACTED]

3. Bonzer, Inc., manufactures a Fixed Distance Radar (FDR) sensor device, which is presently being used on supply drops to deploy the parachutes a fixed distance above the terrain. This unit is very small, weighing approximately eight (8) ounces with battery to power radar.

4. A survival kit was handcarried to Bonzer to determine if the FDR sensor device can be adapted to deploy the kit. Several ways were discussed on application to the kit. Metal objects necessary in

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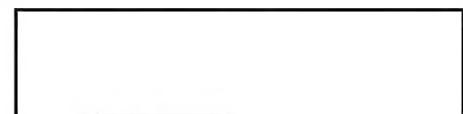
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kit were interfering with the radar signal. Final analysis for application was to place a sheet of aluminum in the bottom of the kit inside to block out the metal objects, and also place the antenna on the bottom outside. The sensor would be placed inside the kit in an existing depression.

5. Engineers were of the opinion that the FDR device could be adapted to the survival kit to meet our requirements. The sensor device will automatically deploy the kit at approximately 1,000 feet above the terrain and a second sensor will deploy the kit 100 - 200 feet above terrain to operate within our zero - zero escape capability.

6. Bonzer agreed to modify one (1) survival kit with the FDR sensor device for testing and evaluation. After qualification, furnish two (2) FDR units for further testing and evaluation. Costs for the test units not to exceed \$5,000. The prime contractor for the seat kit is ARO of Buffalo Corporation and they will subcontract to Bonzer for the FDR System. Bonzer estimates delivery of test units thirty (30) days after receipt of contract.

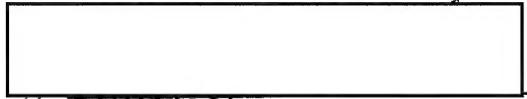
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CONCURRENCE AND/OR COMMENTS:



3 Dec 71

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Distribution

1 - AMS
1 - " Chrono
1 - CMD
1 - Idea/O
1 - RB

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